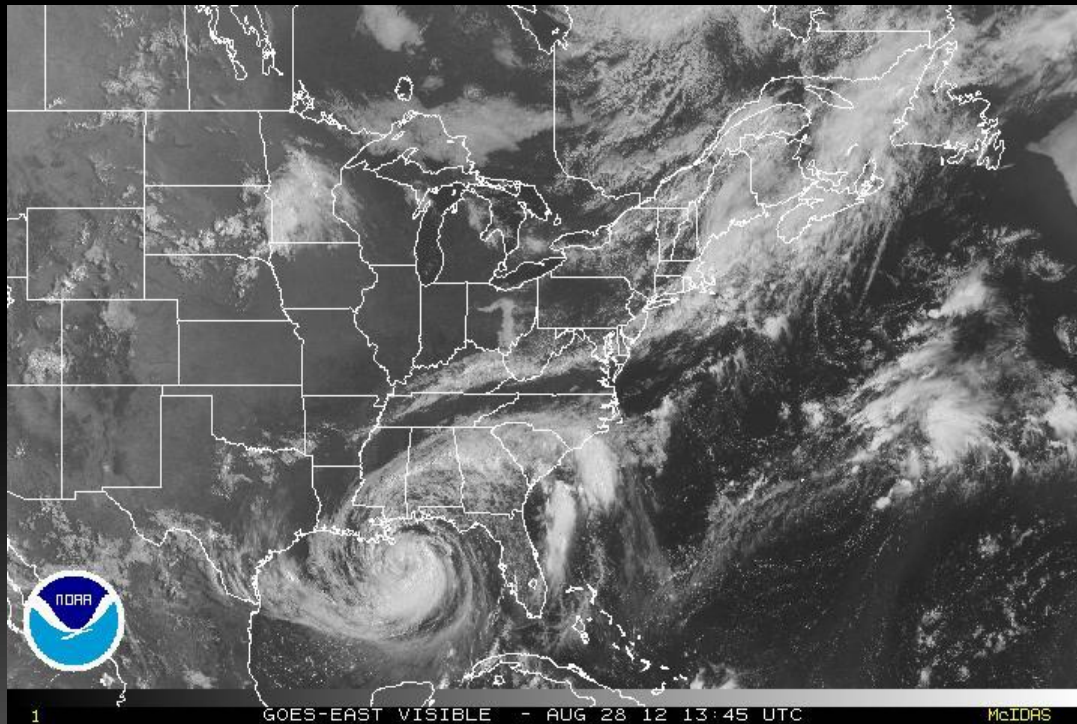


# Potential Impacts of Isaac

## August 31-September 2, 2012

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### Threat Assessment for south-central Indiana and central Kentucky



Prepared at:

1130 AM Aug 28, 2012

NWS Louisville KY  
[lmk.ops@noaa.gov](mailto:lmk.ops@noaa.gov)

# Expected Impacts

Timing: Hurricane landfall expected along the Gulf Coast tonight. Slow-moving system up the MS Valley Wed-Sat, and into the Great Lakes Sun. Best rain chances in the Ohio Valley Friday through Sunday.

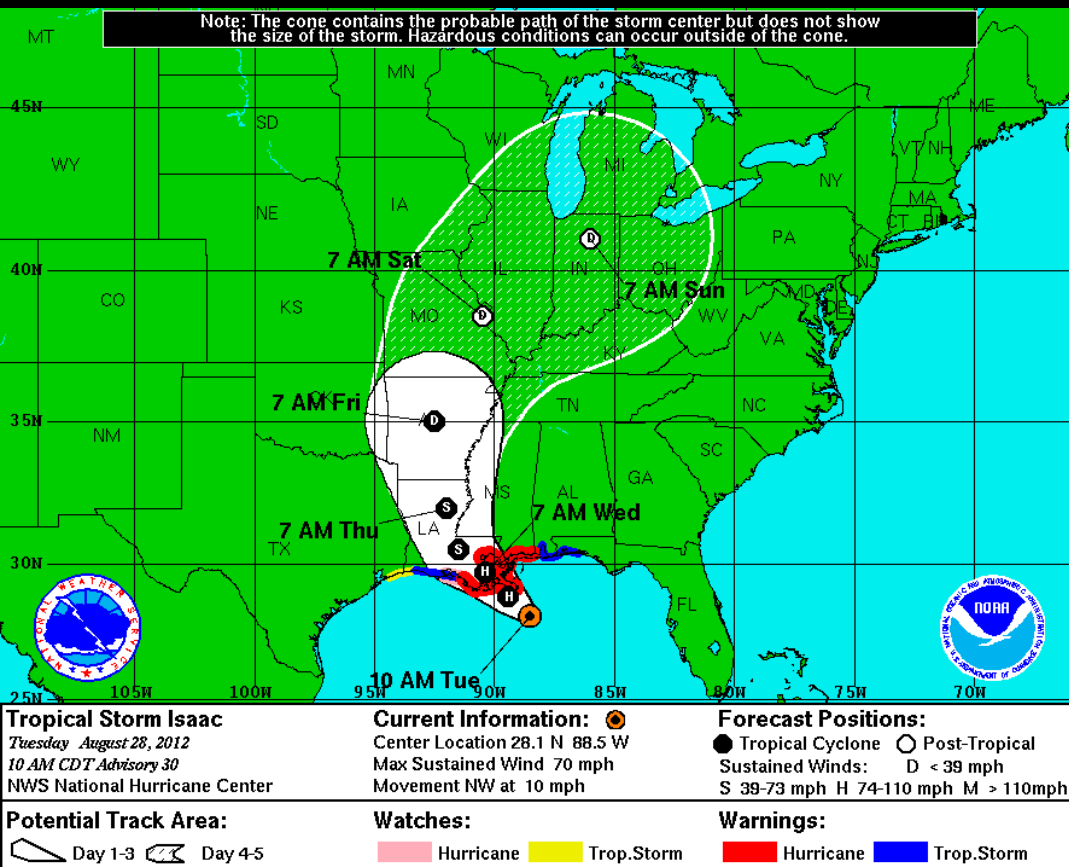
Rainfall Amounts: Heaviest rain 3+ inches with isolated 6+ inch amounts, along and just east of the low track.

For central KY/southern IN... 2-3 inches west of I-65 and north of Ohio River,  
1-2 inches farther east.

Flooding/Impacts: Minimal river flooding impacts due to low flows.

Tornadoes: Closely monitor the progress of Isaac and the latest forecasts. Depending on how the storm evolves, there could be an enhanced risk of tornadoes, but uncertainty is very high at this time.

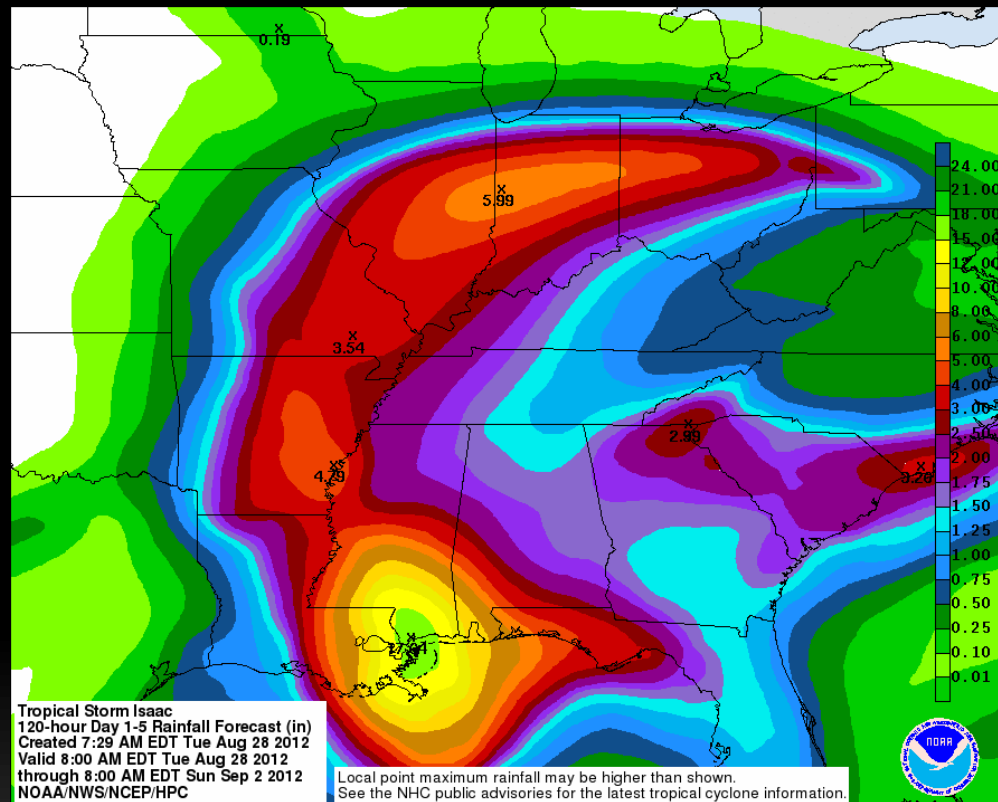
# Synoptic Overview



- The remnants of Isaac will move north through the Mississippi Valley late in the week, and into the Great Lakes this weekend.
- There is still forecast uncertainty, and a chance that the remnant low will move through western Kentucky.
- The heaviest rainfall will occur along and to the east of the track of the remnant low.

NHC Forecast Track of Isaac, issued 11 AM EDT Tue Aug 28, 2012

# Precipitation Forecast



- Still a lot of uncertainty in the forecast, as it depends on just how Isaac makes its northeast turn.
- Best rainfall chances will be Friday through Sunday.
- If the latest forecast holds, the most significant rain will be to our north and west, across central Illinois and Indiana.
- It is too soon to tell the exact impacts, if any, in our area.

HPC Total Precipitation Forecast  
Through 8 AM Sunday  
Issued 730 AM Tuesday

# Summary

- The remnants of Isaac will move slowly north over the next several days, and finally end up in Indiana this weekend. Heavy rain is expected along and just east of the track of the remnant low. There may also be an enhanced tornado threat near the low track.
- Someone will get heavy rainfall this weekend (6+ inches possible), but the greatest threat looks to remain north and west of Louisville.
- This is a LOW CONFIDENCE forecast, so you should continue to closely monitor the progress of Isaac and the latest forecasts, which could change significantly.